

Letter from the Examiner of Public Works Accounts reporting that the — have now been finally closed and forwarding a detailed statement showing the total outlay incurred against the completion estimate of Rs. 1,27,52,508, recorded.

GOVERNMENT OF MADRAS.

MARINE DEPARTMENT.

READ—the following paper:—

From E. A. DENNYS, Esq., Examiner of Public Works Accounts, Madras and Coorg, to the Secretary to Government, Public Works Department, dated Madras, 17th January 1899, No. 53 A/A.

With reference to paragraph 3 of G.O., No. 546, Marine, dated 27th June 1898, I have the honour to report, for information of Government, that the construction accounts of the Madras Harbour Works have been now finally closed and to forward herewith a detailed statement showing the total outlay incurred against the completion estimate of Rs. 1,27,52,508, as sanctioned by the Secretary of State in his despatch No. 41, P.W., dated 26th September 1895 (*vide* G.O., No. 2817 W., dated 6th November 1895).

2. The net saving on the completion estimate is Rs. 1,31,296.

ENCLOSURE.

MADRAS HARBOUR WORKS.

STATEMENT of Outlay as compared with Completion Estimate to close of Construction Accounts.

Item No.	Name of work.	Amount of estimate.	Outlay up to date compared to estimate.	Remarks.
<i>Old Estimate.</i>		RS.	RS. A. P.	
1	Works	55,09,324	55,09,324 8 10	
2	Establishment	5,29,904	5,29,904 0 0	
3	Tools and plant	5,15,262	5,15,262 6 0	
	Total, Old estimate ..	65,54,490	65,54,490 14 10	
<i>New Estimate.</i>				
4	Alterations and extensions of block ground, preliminary.	5,892	5,892 0 11	
<i>North Pier.</i>				
5	Ordinary rubble deposited from break water ..	24,378	24,377 9 0	
6	Do. from boats	4,19,218	4,19,215 15 0	
7	Concrete blocks for building	5,90,110	5,86,243 6 6	
8	Setting blocks at commencement of new works ..	5,415	5,414 11 2	
9	Do. from 2,200 to 3,600 feet.	1,05,569	1,05,569 0 0	
10	Do. do. at pier head	1,16,424	1,16,408 10 7	
11	Concrete in mass for filling	1,188	1,188 0 7	
12	Wave-breaker blocks	2,692	2,687 13 9	
13	Do. concrete blocks	8,45,591	8,45,459 12 4	
14	Depositing concrete blocks	77,928	77,928 0 0	
15	Concrete in protection to rubble base	24,158	24,720 8 1	
16	Cramps, iron	3,188	3,188 0 0	
17	Concrete capping	2,65,989	2,63,714 4 9	
18	Cost of north pier caisson	1,03,855	1,03,854 15 10	
	Total, North pier ..	25,85,708	25,79,970 11 7	
<i>South Pier.</i>				
19	Ordinary rubble deposited from boats	4,49,052	4,49,052 0 0	
20	Large deposited from break water	1,5076	15,075 13 0	
21	Concrete blocks for building	5,04,510	5,00,643 6 6	
22	Setting blocks at commencement	7,912	7,911 13 3	
23	Do. from 2,550 to 3,700 feet	1,05,461	1,05,461 0 0	
24	Do. at pier head	1,36,845	1,36,469 12 3	

Excess of Rs. 563 passed by Chairman in his No. 3965 (a), dated 14th December 1897, on the objectionable items statement for March 1897.

Statement of Outlay as compared with Completion Estimate, &c.—cont.

Item No.	Name of work.	Amount of estimate.	Outlay up to date compared to estimate.	Remarks.
<i>South Pier—cont.</i>		RS.	RS. A. P.	
25	Concrete in mass for filling	4,555	4,554 14 4	
26	Do. in cylindrical pier head	35,325	35,323 8 0	
27	Do. filling in between coursed block work and caisson	11,865	11,865 0 0	
28	Wave breaker concrete blocks	5,24,070	5,23,203 11 0	
29	Depositing do.	64,708	64,260 3 9	
30	Concrete in protection to rubble base	22,620	18,416 11 6	
31	Cramps, iron	2,972	2,972 0 0	
32	Concrete capping	256,687	2,05,346 15 6	
33	Iron caisson	18,000	18,000 0 0	
34	Preparing base for setting cylindrical pier head	38,896	38,399 10 11	
	Total, South pier ..	21,98,554	21,86,956 2 10	
35	Extending rubble revetment for protecting fore-shore north of Harbour.	1,55,462	1,51,759 5 0	
<i>Contingencies.</i>				
36	Protective works north of Harbour		19,674 12 0	
37	Other charges		43,907 11 8	
38	Purchase of land on account of encroachment ..		15,333 10 4	
39	Moorings		3,462 4 9	
40	North pier surf bank		3,239 11 0	
41	Casuarina plantation		338 5 3	
42	North-east entrance, No. 4-A design		541 10 2	
43	Madras Harbour Works.—Catch drain for— ..		4,371 3 10	
44	South pier curve line		2,131 15 5	
45	Drain in main sewer		483 12 0	
46	Protective works		62,827 2 11	
47	Re-alignment of beach lines		2,889 14 0	
48	Tide gauge		2 8 0	
49	Marine surveys		1,602 4 11	
	Total, Contingencies ..	2,47,970	1,53,892 4 9	
<i>Regular Establishment.</i>				
50	Salaries		5,36,727 14 7	
51	Travelling allowances		7,004 12 2	
52	Office contingencies		28,401 9 11	
	Total ..		5,72,134 4 8	
<i>Work Establishment.</i>				
53	Watch and ward		4,767 7 9	
54	Periodical surveys		5,549 7 5	
	Total ..		10,316 15 2	
55	Work establishment		29,718 15 9	
	Total, Establishment ..	6,73,445	6,12,170 3 7	
<i>Tools and Plant.</i>				
56	Special machine and plant from England		3,86,163 1 2	
57	Repairs and renewals of plant and machinery ..		64,749 15 6	
58	General tools		31,494 9 10	
59	Railway materials		1,82,023 13 0	
60	Losses by sale of stock obtained for tools and plant due to depreciation.		11,284 13 10	
61	Surplus stock found in stores originally obtained for tools and plant now credited.		— 1,359 14 5	
	Total ..	6,11,656	6,24,356 6 11	
62	Deduct probable recoveries due to sale of tools and plant.	— 2,80,664	— 3,08,694 8 4	
	Total, Tools and Plant ..	3,30,992	3,15,661 14 7	

*The Engineer states: "This item would appear to be the recovery from the sea after storm of 1881 of old iron, &c., which were sold by auction."

RS. A. P. Sanctioned, *vide* G.O., No. 352, Marine, dated 7th May 1898.
2,839 4 11 Sanctioned, *vide* G.O., No. 766, Marine, dated 8th September 1898.
11,284 13 10

Statement of Outlay as compared with Completion Estimate, &c.—*cont.*

Item No.	Name of work.	Amount of estimate.	Outlay up to date compared to estimate.	Remarks.
	<i>Extraordinary Expenditure.</i>	RS.	RS. A. P.	
63	Construction Account—Extraordinary expenditure—Trust contribution to Provident Fund.	..	37,408 13 7	
64	Do. do. Exchange compensation allowance.	..	16,824 4 8	
65	Do. do. Consulting Engineer's Salaries ..	..	22,314 6 0	
66	Do. do. Travelling fees. Allowance.	..	6,486 7 9	
67	Do. do. Leave and acting allowances.	..	27,384 0 0	
	Total, Extraordinary expenditure ..	..	1,10,418 0 0	Vide G.O., No. 850, Marine, dated 9th December 1896.
	Total, New Estimate, Works, Establishment and Tools and Plant.	61,98,018	60,66,720 11 3	
	Grand Total, New and Old Estimate ..	* 1,27,52,508	1,26,21,211 10 1	* Sanctioned by Secretary of State in his despatch No. 41, P.W., dated 26th September 1896.

ORDER—No. 72, Marine, dated 23rd January 1899.

Recorded.

(True Extract.)

Under Secretary to Government.

To the Chairman, Harbour Trust Board.
" Presidency Port Officer.
" Examiner, Public Works Accounts.

Exd. W. D'Moss.

Marine
Public Works (1899) Department.

CURRENT No. 75

Order

108
From
No. 72 Mar 23.1.99. The Examiner P.W. Accounts,
Madras Port.

Recorded

No. 53 A/A

R.S.
Hub
20.1.99
The Ch. A. J. Bay
" P. S. O
" Ex P.W.
copy to Mr. Wilson
no. 2 21/1/99

Dated 17th January 1899.

Received

Registered

Enclosures one

Spare copies

SUBJECT.

Construction Accounts of the
Madras Harbour Works - Reports
that the — have been closed
and forward statements of outlay

BACK PAPERS.

FURTHER PAPERS.

5 Ordinary rubble deposited from
here a few feet.

6 Ordinary rubble deposited from
boats.

Concrete blocks for building
& Setting blocks at Commence-
ment of New Works

9 - 50- from 2,200 to 3,600 feet at Pierhead
- 50-

11 Concrete in mass for filling
12 Wave breaker blocks

12 wave 100
13 concrete blocks

14 Separating concrete blocks

24.378 24.379

419.218 419.215/5 -

0110058624366

5415: 5414 11

105569 105569 -

01807917 7677711

1188

11/10/01

2092 2001 B

845.591 845.459 12

47,928 47,928.

Madras Harbour Works. Statement of outlay as compared with the Estimate to close of the Construction Account.

15	Concrete in protection to	24,158	24,720	81
16	Concrete base.	3188	3188	-
17	Concrete cap for pier	2,65,989	2,62,714	49
18	Cost of North Pier	703,855	703,854	15
19	Ordinary rubble deposited from boats.	4,49,052	4,49,052	-
20	Large deposited from break water	15,076	15,075	13
21	Concrete blocks for building	504,510	500,643	65
22	Carried over	9,68,638	9,64,773	5
23		42,822	42,822	11
24		13,822	13,822	13
25		102,481	102,481	-
26		5,845	5,845	13

Excess of Rs 563 passed by Chairman in his No 3965 (a) of 14-12-97 on the objection.

See statement for March 97.

15	Concrete in protection to	24,158	24,720	81
16	Concrete base.	3188	3188	-
17	Concrete cap for pier	2,65,989	2,62,714	49
18	Cost of North Pier	703,855	703,854	15
19	Ordinary rubble deposited from boats.	4,49,052	4,49,052	-
20	Large deposited from break water	15,076	15,075	13
21	Concrete blocks for building	504,510	500,643	65
22	Carried over	9,68,638	9,64,773	5
23		42,822	42,822	11
24		13,822	13,822	13
25		102,481	102,481	-
26		5,845	5,845	13

Brought forward

968638 96477135

South Pier (Continue d.)

22	Setting blocks at commencement	7912	7911	133
23	- do - from 2500 to 3700 feet	105461	105461	-
24	- do - at Pierhead	136845	136469	123
25	Concrete in mass for filling	4555	4554	144
26	- do - in cylindrical Pierhead	35325	35323	3
27	- do - filling in between coaseed	11865	11865	-
28	block work and Caisson	524070	523231	12
29	Wave breakers concrete blocks	64708	64260	39
30	depositing - do -	22620	18416	116
31	Concrete in protection to rub-	2972	2972	-
32	ble base.	256687	205346	150
33	bramps iron	18000	18000	-
34	Concrete capping	38896	38399	1011
35	Preparing base for setting	2198584	213698	210
36	cylindrical Pierhead	3188	3188	-
37	Total South Pier	155482	151593	1

38 Extending rubble revetment
for protecting fore shore North
of Harbour

39 Mooring

40 North Pier Surf Bank

41 Re-aligning plantation

42 North East Entrance N. 4. A design -

43 Marine Harbours Works Catch repair for

44 South Pier Curve line

45 Drain in main sewer

46 Protective Works

47 Re-alignment of Beach lines

48 Tide gauge

49 Marine Surveys

Total contingencies 247970 15389249

The Engineer states - "this item would appear to be the recovery from the sea after storm of 1881 of all iron etc which were sold by auction"

Brought forward 968.638 964.771 35

Regular Establishment

50 Salaries	536,727 14 7
51 Travelling Allowances	7,004 12 2
52 Office contingencies	28,401 9 11

Total

572,134 4 8

Work Establishment

53 Watch and Ward	4,767 7 9
54 Periodical Surveys	5,549 7 5

Total

10,316 15 2

Work Establishment

29,718 15 9

Total Establishment 673,445 612,170 37

Tools and Plant

386,163 12

56 Special machine and plant from England
57 Repairs and renewals of plant and machinery

64,749 15 6

General Tools

314,949 10

59 Railway materials

1,320,233 13

60 Losses by sale of stock - obtained for tools + plant due to depreciation

11,284 13 10

61 Surplus stock found in stores originally obtained - for tools + plant now credited

13,594 5

62 Deduct probable recoveries due to sale of tools + plant

6,116 56 624,356 6 11

280,664 388,694 8 4

Total Tools and Plant 3,30,992 3,15,661 14 7

63 Balance carried forward
64 Balance carried forward
65 Balance carried forward
66 Balance carried forward
67 Balance carried forward
68 Balance carried forward
69 Balance carried forward
70 Balance carried forward

35,314 8 2

1,854 12

5,501 11 9

3,102 11 5

1,006 11 5

3,331 11 1

8445 - 8-11. Junction of Side 80. A.
Flag A - 352 Marine 77.5.98.
2839 - 4-11 - do - Side 80. A.
11284 - 13-10 - 766 Marine 87.9.98.

Flag C

82

Extraordinary Expenditure
 63 Construction Account - Extraor-
 - dinary Expenditure - Trust Con-
 - tribution to Provident Fund
 64 - do - do - Exchange Com-
 - pensation Allowance
 65 - do - do - Consulting { Salaries
 66 Engineer's Fees { Travelling
 allowance
 67 - do - do - Deane & acting allowance
 Total Extraordinary Expenditure

Total New Estimate, Works Estab-
 lishment & Tools Plant
 Grand Total New and old
 Estimate

37408	137
16824	48
22314	6
6486	79
27384	
110418	
6198018	6066720113
12752508	12621211101

vide No. 850 Marine 99.12.96.

* Sanctioned by Secretary of State
 in his Despatch No. 41 P.W. 926-995.

11524-1319

For Examiner P.W. Accounts
 Madras & Coorg.

11524-1319

N.B. - In any future communication on
 the subject, the number and date of this letter
 should be quoted, and the communication
 should be addressed to the Examiner, Public
 Works Accounts, Madras, and not to any
 officer by name.

FROM E. A. DENNYS, Esq.,

EXAMINER OF P. W. ACCOUNTS,

MADRAS AND COORG,

To

The Secretary to government,

Public Works Department.

No. 53 A/A

Madras, 17 January 1896.

SIR,

With reference to para 3 of G.O. No. 348 Marine -
 dated 27th June 1895, I have the honor to report for information
 of Government that the Construction Accounts of the Madras --
 Harbour Works have been now finally closed and to forward here --
 with a detailed statement showing the total outlay incurred --
 against the Completion Estimate of Rs: 1,27,52,508, as sanctioned
 by the Secretary of State in his despatch No. 41 P.W. dated 26th:
 September 1895 (vide G.O. No. 2817 W dated 6th: November 1895)

2. The net saving on the Completion Estimate is
 Rs: 1,31,296.

I have the honor to be,

Sir,

Your most obedient servant,

E. A. DENNYS

For Examiner P.W. Accounts, Madras & Coorg

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 12621212
 131296X